

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Robert Holland on 10 July 2008.

The application has been amended as follows:

In the claims:

1. (Currently Amended) A system for remote configuration of an information handling system, the system comprising:
 - a remote deployment management station operable to deploy configurations to plural information handling systems;
 - an information handling system interfaced with the remote deployment management station by one of plural network communication components, the plural network communication components operating in an unconfigured state;
 - a configuration agent running on the information handling system and operable to configure the network communication components;
 - a management connection engine running on the information handling system and operable to determine if a network communication component connects with the remote deployment management station after configuration by the configuration agent; and
 - a configuration adjustment engine running on the information handling system and interfaced with the management connection engine, the configuration adjustment engine operable to adjust the configuration of the network

communication component to communicate with a dynamic address to send a re-configuration request to the remote deployment management station if the management connection engine determines the network communication component fails to connect with the remote deployment management station after configuration by the configuration agent.

2. (Canceled)
3. (Previously Presented) The system of claim 1 wherein the configuration adjustment engine is further operable to adjust the configuration by applying configuration information of each of the plural network communication components to the one network communication component to determine if the one network communication component establishes communication with the configuration information of another of the plural network communication components.
4. (Previously Presented) The system of claim 3 wherein the configuration adjustment engine is further operable to adjust the configuration by setting the network communications component to communicate with a dynamic Internet address if the network communication component is unable to establish communication with the remote deployment management station by application of the configuration information of the plural network communication components.
5. (Previously Presented) The system of claim 4 wherein the configuration agent is further operable to send a message by the dynamic Internet address to the remote deployment management station that a configuration error has occurred.
6. (Previously Presented) The system of claim 5 further comprising a

management station user interface in communication with the remote deployment management station and operable to communicate new configuration information to the configuration agent at the dynamic Internet address.

7. (Previously Presented) The system of claim 4 wherein the network communication components comprise network interface cards.
8. (Previously Presented) The system of claim 7 wherein the configuration information comprises static IP addresses for the network interface cards.
9. (Original) A method for remote configuration through a network of an information handling system, the method comprising:
 - retrieving network configuration information through a network communication component of the information handling system using a dynamic address;
 - applying the network configuration information to the network communication component;
 - attempting network communication with the network communication component using a static address determined from the network configuration information;
 - determining that the attempted network communication failed;
 - automatically adjusting the network communication component configuration at the information handling system; and
 - communicating with the network through the adjusted configuration of the network communication component.
10. (Previously Presented) The method of claim 9 wherein automatically adjusting further comprises:
 - adjusting the network communication component to communicate with a dynamic address.

11. (Previously Presented) The method of claim 10 wherein communicating with the network through the adjusted configuration further comprises:
sending a report that the network configuration information is erroneous; and
receiving new network configuration information.

12. (Previously Presented) The method of claim 11 wherein the network communication component comprises a NIC and the configuration information comprises a static IP address of the NIC.

13. (Previously Presented) The method of claim 10 wherein automatically adjusting further comprises:
determining the configuration information of a second network communication component of the information handling system; and
applying the configuration information of the second network communication component to the first network communication component.

14. (Previously Presented) The method of claim 13 wherein automatically adjusting further comprises:
determining failure of an attempt to communicate by the first network communication component with the configuration information of the second network communication component; and
adjusting the first network communication component to communicate with a dynamic address.

15. (Previously Presented) The method of claim 14 wherein the network communication components comprise NICs and the configuration information comprises IP addresses.

16. (Previously Presented) The method of claim 15 further comprising:
sending new IP addresses for the NICs to the dynamic address; and

configuring the NICs with the new IP addresses.

17. (Currently Amended) An information handling system comprising:
plural network interface cards ~~communication components~~, each operable to
communicate with a dynamic or with a static address when configured
with a correct IP address;
a configuration agent operable to apply configuration information to the network
interface cards ~~communication components~~;
a management connection engine operable to determine whether the network
communication components are able to communicate over a network; and
a configuration adjustment engine interfaced with the management connection
engine and operable to adjust the configuration of the network interface
cards ~~communication components~~ that are unable to communicate over
the network after application of the configuration information by the
configuration agent, wherein the configuration adjustment engine applies
the IP addresses of each NIC to a selected NIC to attempt to
communicate over the network and commands a selected NIC to
communicate with a dynamic address if communication fails with each of
the IP addresses.

18. (Canceled)

19. (Canceled)

20. (Canceled)

Citations of Pertinent Prior Art

The prior art made of record and not relied upon is considered pertinent to
applicant's disclosure.

Burrows (US Patent No. 7,103,648 B1) discloses assigning appropriate IP addresses to hosts in a local network depending upon the desired features for each host.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to CHRISTINE DUONG whose telephone number is (571)270-1664. The examiner can normally be reached on Monday - Friday: 830 AM-6 PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Seema Rao can be reached on (571) 272-3174. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Christine Duong/

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